08/376,380

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  *    The APS is available:                                          *
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FILE 'USPAT' ENTERED AT 08:50:28 ON 14 MAY 1997
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  *              W E L C O M E   T O   T H E                          *
  *         U. S.   P A T E N T   T E X T   F I L E                   *
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
=> s glutamine(w)synthetase
          7568 GLUTAMINE
          2212 SYNTHETASE
L1         133 GLUTAMINE(W)SYNTHETASE
=> s glutamine(3w)independen?
          7568 GLUTAMINE
        403167 INDEPENDEN?
L2           1 GLUTAMINE(3W)INDEPENDEN?
=> d l2 cit,ab

1.  5,122,464, Jun. 16, 1992, Method for dominant selection in eucaryotic
cells; Richard H. Wilson, et al., 435/172.3, 320.1 [IMAGE AVAILABLE]

US PAT NO:     5,122,464 [IMAGE AVAILABLE]            L2: 1 of 1

ABSTRACT:

 Recombinant DNA sequences which encode the complete amino acid sequence
of a glutamine synthetase, vectors containing such sequences, and methods
for their use, in particular as dominant selectable markers, for use in
co-amplificiation of non-selected genes and in transforming host cell
lines to **glutamine** **independence**.
=> e bebbington, christopher r./in
E#     FILE            FREQUENCY  TERM
--     ----            ---------  ----
E1     USPAT                10     BEBBER, HANS J/IN
E2     USPAT                 1     BEBBINGTON, ANTHONY J/IN
E3     USPAT                 2 --> BEBBINGTON, CHRISTOPHER R/IN
E4     USPAT                 1     BEBBINGTON, JOHN JR/IN
E5     USPAT                 1     BEBBINGTON, JOHN R W/IN
E6     USPAT                 1     BEBBINGTON, JULIE C/IN
E7     USPAT                 1     BEBBINGTON, SAMUEL T/IN
E8     USPAT                 1     BEBBS, JOSEPH F JR/IN
E9     USPAT                 1     BEBE, HANS J/IN
E10    USPAT                 1     BEBEAU, JERALD R/IN
E11    USPAT                 1     BEBECH, MICHAEL J/IN
E12    USPAT                 2     BEBEE, JACK G/IN
=> s e3
L3           2 "BEBBINGTON, CHRISTOPHER R"/IN
=> d l3 1-2 cit,ab

1.  5,591,639, Jan. 7, 1997, Recombinant DNA expression vectors;
**Christopher R. Bebbington**, 435/320.1, 172.3; 536/24.1, 24.2 [IMAGE
AVAILABLE]
```

US PAT NO: 5,591,639 [IMAGE AVAILABLE] L3: 1 of 2

ABSTRACT:
The invention provides expression vectors containing the promoter, enhancer and substantially complete 5'-untranslated region including the first intron of the major immediate early gene of human cytomegalovirus. Further vectors including the hCMV-MIE DNA linked directly to the coding sequence of a heterologous gene are described, Host cells transfected with the vectors and a process for producing heterologous polypeptides using the vectors and the use of the hCMV-MIE DNA for expression of a heterologous gene are also included within the invention.

2. 5,122,464, Jun. 16, 1992, Method for dominant selection in eucaryotic cells; Richard H. Wilson, et al., 435/172.3, 320.1 [IMAGE AVAILABLE]

US PAT NO: 5,122,464 [IMAGE AVAILABLE] L3: 2 of 2

ABSTRACT:

Recombinant DNA sequences which encode the complete amino acid sequence of a glutamine synthetase, vectors containing such sequences, and methods for their use, in particular as dominant selectable markers, for use in co-amplificiation of non-selected genes and in transforming host cell lines to glutamine independence.

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=> e yarranton, geoffrey t./in
E#     FILE            FREQUENCY  TERM
--     ----            ---------  ----
E1     USPAT                 3     YARR, GEORGE A/IN
E2     USPAT                 1     YARRANTON, ARTHUR/IN
E3     USPAT                 1 --> YARRANTON, GEOFFREY T/IN
E4     USPAT                 1     YARRICK, CHARLES J/IN
E5     USPAT                 1     YARRINGTON, ALFRED R/IN
E6     USPAT                 1     YARRINGTON, ARTHUR/IN
E7     USPAT                 5     YARRINGTON, ARTHUR G/IN
E8     USPAT                 4     YARRINGTON, JAMES C/IN
E9     USPAT                 1     YARRINGTON, JAMES CLIFFORD/IN
E10    USPAT                 2     YARRINGTON, JOHN T/IN
E11    USPAT                 6     YARRINGTON, ROBERT M/IN
E12    USPAT                 3     YARRINGTON, ROBERT MURPHY/IN
=> s e3
L4          1 "YARRANTON, GEOFFREY T"/IN
=> d l4 cit
```

1. 5,015,573, May 14, 1991, DNA vectors and their use in recombinant DNA technology; **Geoffrey T. Yarranton**, et al., 435/69.1, 91.41, 172.3, 226, 252.33, 320.1; 935/29, 42, 72, 73 [IMAGE AVAILABLE]

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=> logoff y
U.S. Patent & Trademark Office LOGOFF AT 08:55:48 ON 14 MAY 1997
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NO CARRIER

Tox34 Expression directed by the SPLSXIV **Promoter** in an **Occlusion**-positive Baculovirus

DETDESC:

DETD(72)

Expression of the Tox34 Coding Sequence Directed by the Cap/Polh **Promoter** in an **Occlusion**-Positive Baculovirus

US PAT NO: 5,198,346 [IMAGE AVAILABLE] L2: 3 of 4

SUMMARY:

BSUM(57)

Adhya and Gottesman (ADHY82) describe the phenomenon of **promoter** **occlusion** in which frequent transcription from a strong promoter prevents transcription from a nearby, opposed weaker promoter. When a DBP represses the strong **promoter**, the **occlusion** is relieved. Elledge and Davis (ELLE89a) investigated the mechanism of occlusion and the effects of placement of operator relative to. . .

DETDESC:

DETD(899)
ADHY82: Adhya, S, and M Gottesman, "**Promoter** **Occlusion**: Transcription through a Promoter May Inhibit Its Activity", Cell (1982), 29:939-944.

US PAT NO: 4,870,023 [IMAGE AVAILABLE] L2: 4 of 4

SUMMARY:

BSUM(102)

Several foreign proteins have been successfully expressed under control of the polyhedrin **promoter** in **occlusion** body-negative baculovirus systems. Human interleukin 2 (Smith et al., 1985, Proc. Natl. Acad. Sci. U.S.A. 82: 8404-8408), human c-myc (Miyamoto. . .

=> s glutamine(3w)independent
6547 GLUTAMINE
213600 INDEPENDENT
L3 1 GLUTAMINE(3W)INDEPENDENT
=> d l3 cit,ab

1. 5,122,464, Jun. 16, 1992, Method for dominant selection in eucaryotic cells; Richard H. Wilson, et al., 435/172.3, 320.1 [IMAGE AVAILABLE]

US PAT NO: 5,122,464 [IMAGE AVAILABLE] L3: 1 of 1

ABSTRACT:

Recombinant DNA sequences which encode the complete amino acid sequence of a glutamine synthetase, vectors containing such sequences, and methods for their use, in particular as dominant selectable markers, for use in co-amplificiation of non-selected genes and in transforming host cell lines to glutamine independence.